



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBT400221-120B
Job Sheet 184985



Part No: RBT400221-120B

Job Qty: 4 ea

Part Name: R/H Wire Assy



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/19/18

Job Tracking No:

Due Date: 11/20/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBT400221 REV 3A IPP REV A 18.05.29 NEW ISSUE FK VERIFY DP/IPP REV B 18.08.20 Now
Purchased DP verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		11/20/18	0.00	0.00	Start Up Small Fab-4		
100	Small Fab	4 pcs		11/20/18	0.00	0.40	Small Fab-9		N/A
110	QC	4 pcs		11/20/18	0.00	0.00	QC5		
130	Purchasing	4 pcs		11/20/18	0.00	0.00	Packaging3-2 Purchasing		NOV 20 2018
135	Packaging	4 pcs		11/20/18	0.00	0.00	Packaging2		NOV 20 2018
140	QC	4 pcs		11/20/18	0.00	0.00	QC6		NOV 20 2018
150	Packaging	4 pcs		11/20/18	0.00	0.00	Packaging3		MLC
160	QC21-SA	4 Ea		11/20/18	0.00	0.00	QC21		DAS NOV 23 2018

Part Op 100 - Pick bag and tag RBT400221-121. Prepare for outsource.

Descriptions: 130 - Issue PO to ICA DISTRIBUTION P/O: 041488 MANUFACTURE RBT400221-120B AS PER DWG -Certificate of conformity is required -NOTE. ICA DISTRIBUTION TO SUPPLY CABLE AND HARDWARE. DART TO SUPPLY COMPONENTS TO BE ASSEMBLED. SEE START UP.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBT400221-121	Gripper	4 Ea (1 ea)	90-Start up Operation	5091831
RBT400221-120BP	R/H Wire Assembly	4 (1 ea)	130-Purchasing	5129560

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	RBT400221-121	4	28	0
130-Purchasing	RBT400221-120BP	4	0	0

Specifications

could not be found.

Plex 10/19/18 12:47 PM Dart.lajeunesse.marie



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: \$129561



Part: RBT400221 - 120B

Job No: 184985

Serial No/Batch: \$129561

Revision: 3A

Inspector:

Exp Date:

Instructions:

Date: 11/20/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS					
Part No. _____		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
NCR No. _____		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
		Large Fab ☐	Composite ☐	Supplier ☐			

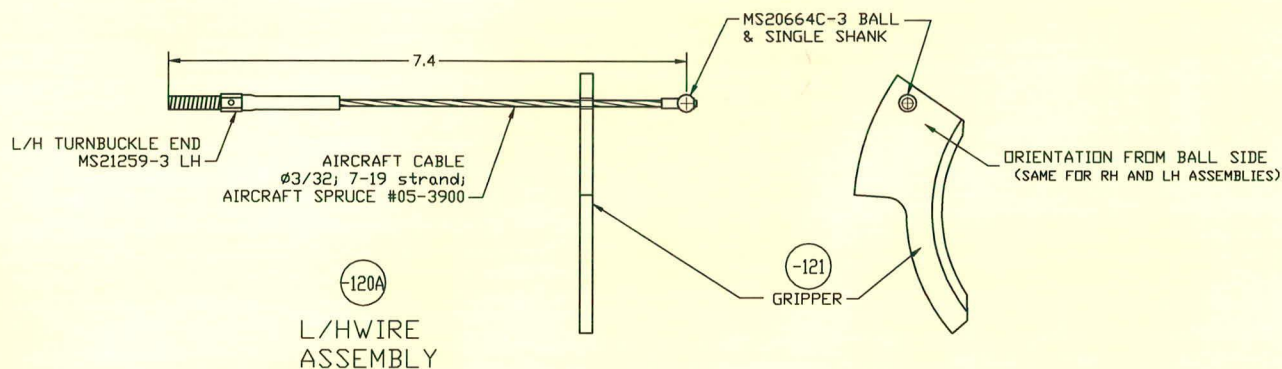
Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

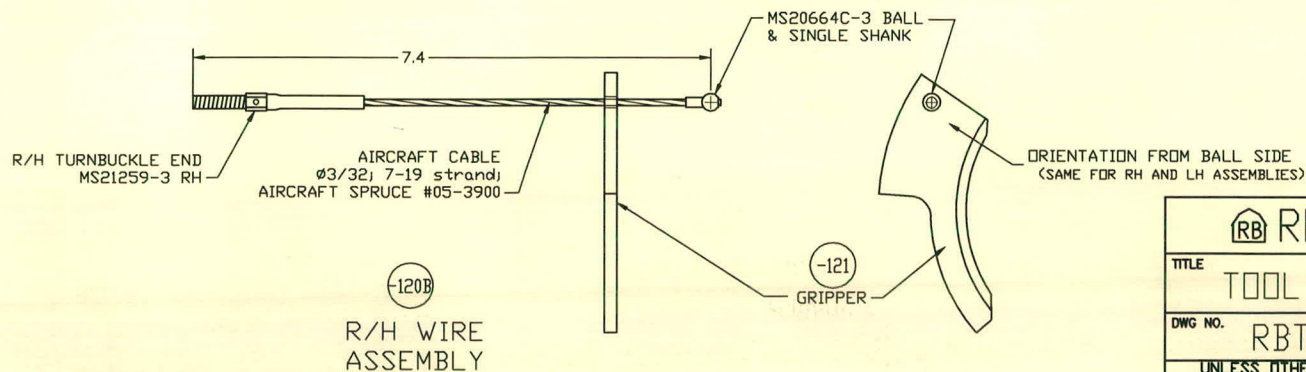
This drawing, specifications, and concepts contained herein are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	REMOVED GROOVE FROM P/N-109, ADDED NOTE P/N-120A & -120B ASSEMBLY PER R.W.	11/25/09	RJC	
3	CHANGED TURNBUCLE ENDS FROM MS21260-009 R&L HAND THREAD. ALL BUY OUTS CHANGED FROM AMERICAN RIGGERS SUPPLY No. PER DAVE.	12/21/09	WP	RW



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 184985 MJS
18-10-19

NOTE:
1. AFTER P/N -121 IS MANUFACTURED AND BLACK OXIDIZED,
SHIP TO AIRCRAFT SPRUCE WITH COMPONENTS TO ASSEMBLE
P/N'S -120A & -120B.



RED BARN MACHINE	
TITLE TOOL - DRIVESHAFT REMOVAL	
DWG NO. RBT400221-120A & -120B	REV 3A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	FRACTIONS ± 1/32 ANGLES ± 5°
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 5-20-02
SHEET 2 of 3	



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Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041488**

Supplier: ICA001-VC
ICA Distribution
3592 Boulevard Poirier
St-Laurent
QC
H4R 2J5 Canada
Phone: 514 633 0055

PO No: PO041488
PO Date: 10/26/18
Due Date: 11/20/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To:

Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	184984	RBT400221-120AP			L/H Wire Assembly	Firmed	-	11/20/18	4 Ea	0 Ea	4 Ea	\$50.52/Ea	\$202.08
2	184985	RBT400221-120BP			R/H Wire Assembly	Firmed	-	11/20/18	4 Ea	0 Ea	4 Ea	\$21.96/Ea	\$87.84
Grand Total:													\$289.92

Order Notes

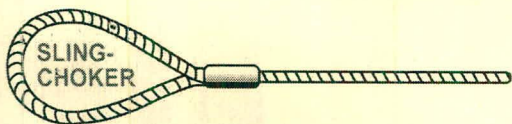
Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/26/18 2:40 PM dart.Lussier.Patrick



ICA Distribution

Div. de Manufacture Sling-Choker (Hamilton) Ltee.

3592 Boulevard Poirier, Ville St-Laurent, QC H4R 2J5
Tel: (514) 633-0055 Email: info@icadistribution.com

FACTURÉ À:

DART AEROSPACE LTD.

1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-3336

BORDEAU
D'EXPÉDITION
No. de Client
Bon De Commande
Date De La Facture
Page

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401940
041488 ✓
19-Nov-2018
1

EXPÉDIÉ À:

DART AEROSPACE LTD.

1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-3336

MODALITÉS DE PAIEMENT **Net 30 days** F.A.B. Collect DEVISE Canadian dollars

MODE D'EXPÉDITION CUSTOMER CHOICE PRO NO. COMMANDE 0000117373

DATE D'EXPÉDITION ESNT 0.0 * INV VIA MAIL / MISC TERR 88

LIGNE	NUMÉRO DE PIÈCE / DESCRIPTION	UNITÉ DE MEASURE	COMM	EXP	EN SOUF
1 *	999-RBT400221-120AP ✓ ASSY 3/32"X7-13/32" 7X19 GALV LEFT STUD/BALL	EA	4	4 ✓	
2 *	999-RBT400221-120BP ✓ ASSY 3/32"X7-13/32" 7X19 GALV RIGHT STUD/BALL REF: 117373 THANK YOU - STEVE WILSON TEL-514-633-0055 FX - 514-633-0066 stevenw@icadistribution.com	EA	4	4 ✓	

HST No: 104888037RT0001

